

知 单台AP上线失败

AP管理 shawccccc 2023-03-27 发表

组网及说明

常规组网，二层注册，AC-核心-poe SW-AP

问题描述

一台AC，同一个poe下其他AP都能上线，单一台AP无法注册上线，AP获取地址正常。

过程分析

AP对端POE SW抓包分析，看的AP有发出discovery request报文,但未收到回复。

AC上debugging capwap提示MAC地址为使用状态，存在冲突。但AC和交换机上ARP表项正常

TIME	SRV	IPV4	IPV4	IPV4	PROT	PROT	PROT	PROT
1075	2023-02-20 11:10:45.338149	192.168.242.217	192.168.242.217	255.255.255.255	CAPWAP-Control	200	CAPWAP-Control	- Discovery Request
1076	2023-02-20 11:10:45.338775	192.168.242.217	224.0.1.140	255.255.255.255	CAPWAP-Control	200	CAPWAP-Control	- Discovery Request
2584	2023-02-20 11:10:51.337914	192.168.242.217	255.255.255.255	255.255.255.255	CAPWAP-Control	200	CAPWAP-Control	- Discovery Request
2595	2023-02-20 11:10:51.338200	192.168.242.217	224.0.1.140	255.255.255.255	CAPWAP-Control	200	CAPWAP-Control	- Discovery Request
5775	2023-02-20 11:11:03.337507	192.168.242.217	255.255.255.255	255.255.255.255	CAPWAP-Control	200	CAPWAP-Control	- Discovery Request
5776	2023-02-20 11:11:03.338167	192.168.242.217	224.0.1.140	255.255.255.255	CAPWAP-Control	200	CAPWAP-Control	- Discovery Request
40906	2023-02-20 11:12:50.328703	192.168.242.217	255.255.255.255	255.255.255.255	CAPWAP-Control	200	CAPWAP-Control	- Discovery Request
40909	2023-02-20 11:12:50.328163	192.168.242.217	224.0.1.140	255.255.255.255	CAPWAP-Control	200	CAPWAP-Control	- Discovery Request
43027	2023-02-20 11:12:59.321187	192.168.242.217	255.255.255.255	255.255.255.255	CAPWAP-Control	200	CAPWAP-Control	- Discovery Request
43028	2023-02-20 11:12:59.321897	192.168.242.217	224.0.1.140	255.255.255.255	CAPWAP-Control	200	CAPWAP-Control	- Discovery Request
47688	2023-02-20 11:13:17.321155	192.168.242.217	255.255.255.255	255.255.255.255	CAPWAP-Control	200	CAPWAP-Control	- Discovery Request
47689	2023-02-20 11:13:17.322448	192.168.242.217	224.0.1.140	255.255.255.255	CAPWAP-Control	200	CAPWAP-Control	- Discovery Request

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*Feb 20 13:30:49:214 2023 WPU-WLAN-AC-20 CW/7/ERROR: Failed to process discovery request from IP address: 192.168.242.217 with serial ID 219801A0Y0820C003M0: MAC address was already in use.  
*Feb 20 13:30:49:214 2023 WPU-WLAN-AC-20 CW/7/ERROR: Failed to process discovery request from IP address: 192.168.242.217 with serial ID 219801A0Y0820C003M0: MAC address was already in use.
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排查配置后发现同一个AP，AC上配置了两个模板，一个绑定的MAC，一个绑定的SN

解决方法

删除其中一个模板后配置正常

